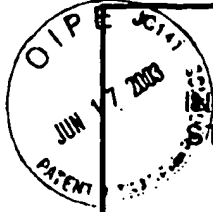




Please type a plus sign (+) inside this box → +

PTO/SB/08A (10-96)  
Approved for use through 10/31/99. OMB 0651-0031  
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE  
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



Substitute for form 1449A/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>		<b>Application Number</b>	09/730,586
		<b>Filing Date</b>	December 7, 2000
		<b>First Named Inventor</b>	AVNI, Dror et al.
		<b>Group Art Unit</b>	2818
		<b>Examiner Name</b>	Ho, H.
<b>Sheet</b>	1 of 5	<b>Attorney Docket Number</b>	P-2448-US1

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
Hms	AA	4,281,397		Neal et al.	7/28/1981	
	AB	4,388,705		Sheppard	6/14/1983	
	AC	4,389,705		Sheppard	6/21/1983	
	AD	5,467,308		Chang, et al.	11/14/1995	
	AE	4,586,163		Koike	4/29/1986	
	AF	4,916,671		Ichiguchi	4/10/1990	
	AG	5,117,389		Yiu	5/26/1992	
	AH	5,204,835		Eitan	4/20/1993	
	AI	5,241,497		Komarek	8/31/1993	
	AJ	5,268,861		Hotta	12/7/1993	
	AK	5,289,412		Frary et al.	2/22/1994	
	AL	5,293,563		Ohta	3/8/1994	
	AM	5,295,108		Higa	3/15/1994	
	AN	5,315,541		Harari et al.	5/24/1994	
	AO	5,338,954		Shimoji	8/16/1994	
	AP	5,345,425		Shikatani	9/6/1994	
	AQ	5,375,094		Naruke	12/20/1994	
	AR	5,399,891		Yiu et al.	3/21/1995	
	AS	5,412,601		Sawada et al.	6/2/1995	
	AT	5,424,978		Wada et al.	6/13/1995	
	AU	5,440,505		Fazio et al.	8/6/1995	
	AV	5,450,341		Sawada et al.	9/12/1995	
	AW	5,450,354		Sawada et al.	9/12/1995	
	AX	5,495,440		Asakura	2/27/1996	
	AY	5,521,870		Ishikawa	5/28/1996	
	AZ	5,563,823		Yiu et al.	10/8/1996	
	BA	5,568,085		Eitan et al.	10/22/1996	
	BB	5,583,808		Brahmbhatt	12/10/1996	
	BC	5,592,417		Mirabel	1/7/1997	
	BD	5,606,523		Mirabel	2/25/1997	
	BE	5,623,438		Guritz et al.	4/22/1997	
	BF	5,636,288		Bonneville et al.	6/3/1997	
	BG	5,661,060		Gill et al.	8/26/1997	
	BH	5,683,925		Irani et al.	11/4/1997	
HTK	BI	5,716,193		Norman	2/3/1998	

<b>Examiner Signature</b>	H. Ho	<b>Date Considered</b>	1/29/04
---------------------------	-------	------------------------	---------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

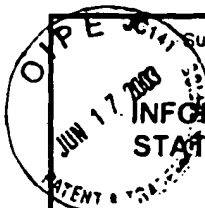
Please type a plus-sign (+) inside this box → +

PTO/SB/08A (10-96)

Approved for use through 10/31/99. OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<div style="float: left; text-align: center;">  </div> <div style="float: right; text-align: center;">             Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>              (use as many sheets as necessary)           </div> <div style="clear: both;"></div>		<b>Complete if Known</b>	
Application Number		09/730,586	
Filing Date		December 7, 2000	
First Named Inventor		AVNI, Dror et al.	
Group Art Unit		2818	
Examiner Name		Ho, H.	
Attorney Docket Number		P-2448-US1	
Sheet	2	of	5

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
H/M	BJ	5,754,475		Bill et al.	5/19/1998	
	BK	5,768,193		Lee et al.	6/16/1998	
	BL	5,777,919		Chi-Yung et al.	7/7/1998	
	BM	5,784,314		Sali et al.	7/21/1998	
	BN	5,812,456		Hull et al.	9/22/1998	
	BO	5,828,601		Hollmer et al.	10/27/1998	
	BP	5,834,851		Ikeda et al.	11/10/1998	
	BQ	5,862,076		Eitan	1/19/1999	
	BR	5,888,927		Takeuchi	3/23/1999	
	BS	5,892,710		Fazio et al.	4/6/1999	
	BT	5,949,728		Liu et al.	9/7/1999	
	BU	5,963,465		Eitan	10/5/1999	
	BV	5,946,258		Everitt et al.	8/31/1999	
	BW	5,966,603		Eitan	10/12/1999	
	BX	5,969,993		Takeshima	10/19/1999	
	BY	5,990,526		Bez et al.	11/23/1999	
	BZ	6,398,741		Bloom et al.	5/28/2002	
	CA	6,081,456		Dadashev	6/27/2000	
	CB	6,108,241		Chevallier	8/22/2000	
	CC	6,128,226		Eitan et al.	10/3/2000	
	CD	6,134,166		Eitan	10/17/2000	
	CE	6,147,904		Liron	11/14/2000	
	CF	6,157,570		Nachumovsky	12/5/2000	
	CG	6,169,691		Pasotti et al.	1/2/2001	
	CH	6,175,523		Yang et al.	1/16/2001	
	CI	6,181,605		Hollmer et al.	1/30/2001	
	CJ	6,205,056		Pan et al.	3/20/2001	
	CK	6,215,148		Eitan	4/10/2001	
	CL	6,215,702		Derhacopian et al.	4/10/2001	
	CM	6,218,695		Nachumovsky	4/17/2001	
	CN	6,222,768		Hollmer et al.	4/24/2001	
H/M	CO	6,240,032		Fukumoto	5/29/2001	

Examiner Signature	H. Ho	Date Considered	1/29/04
--------------------	-------	-----------------	---------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

$+$ 

to a collection of information unless it displays a valid OMB control number.

Under the P  
OIP E  
JUN 17 2003  
PATENT

Substitute for form 1449A/PTO				<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				Application Number	09/730,586
				Filing Date	December 7, 2000
				First Named Inventor	AVNI, Dror et al.
				Group Art Unit	2818
				Examiner Name	Ho, H.
				Attorney Docket Number	P-2448-US1
Sheet	3	of	5	(use as many sheets as necessary)	

[illegible]

Examiner Signature	H. Ho	Date Considered	1/29/04
-----------------------	-------	--------------------	---------

**Burden Hour Statement:** This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.**

+

Approved for use through 10/31/99. OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

OIP E 30141 Su  
 JUN 17 2003  
 INFO  
 STAT  
 ATTENT : TRANSMISSION

[illegible]

Examiner Signature	<i>H. H. D.</i>	Date Considered	<i>1/29/04</i>
-----------------------	-----------------	--------------------	----------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1. Unique citation designation number. 2. See attached Kinds of U.S. Patent Documents. 3. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4. For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6. Applicant is to place a check mark here if English language Translation is attached.

**Burden Hour Statement:** This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.**

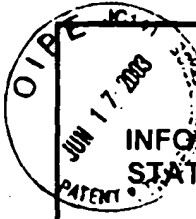
Please type a plus\*sign (+) inside this box → +

PTO/SB/08A (10-96)

Approved for use through 10/31/99. OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

 <p>Substitute for form 1449B/PTO</p> <p><b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b></p> <p>(use as many sheets as necessary)</p>	<b>Complete if Known</b>	
	Application Number	09/730,586
	Filing Date	December 7, 2000
	First Named Inventor	AVNI, Dror et al.
	Group Art Unit	2818
	Examiner Name	Ho, H.
Sheet 5 of 5	Attorney Docket Number P-2448-US1	

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (where appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
HM	DN	Bude et al., "EEPROM/Flash Sub 3.0V Drain-Source Bias Hot Carrier Writing" IEDM 95, pp. 989-992.	<input type="checkbox"/>
	DO	Bude et al., "Secondary Electron Flash – a High Performance, Low Power Flash Technology for 0.35 μm and Below", IEDM 97, pp. 279-282.	<input type="checkbox"/>
	DP	Bude et al., "Modeling Nonequilibrium Hot Carrier Device Effects", Conferences of Insulator Specialists of Europe, Sweden, June, 1997.	<input type="checkbox"/>
	DQ	Jung et al., "A 117-mm <sup>2</sup> 3.3V Only 128-Mb Multilevel NAND Flash Memory for Mass Storage Applications" IEEE Journal of Solid-State Circuits, Vol. 31, No. 11, November 1996, pp.1575-1583	<input type="checkbox"/>
	DR	Campardo et al., "40mm <sup>2</sup> 3-V-Only 50 MHz 64-Mb 2-b/cell CHE NOR Flash Memory", IEEE Journal of Solid-State Circuits, Vol. 35, No. 11, November 2000, pp. 1655-1667	<input type="checkbox"/>
	DS	Lin et al., "Novel Source-Controlled Self-Verified Programming for Multilevel EEPROM's", IEEE Transactions on Electron Devices, Vol. 47, No. 6, June 2000, pp. 1166-1174	<input type="checkbox"/>
HM	DT	Eitan, US Patent Application No. 08/902,890, filed July 30, 1997	<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>

Examiner Signature	H. Ho	Date Considered	1/29/04
--------------------	-------	-----------------	---------

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231.

DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for